Semiconductor layer 130	141 XX SiGe Quantum Well Layer 128 XX	Semiconductor layer 126	Semiconductor layer <u>122</u>	Onstrate Onto
·	120 <			

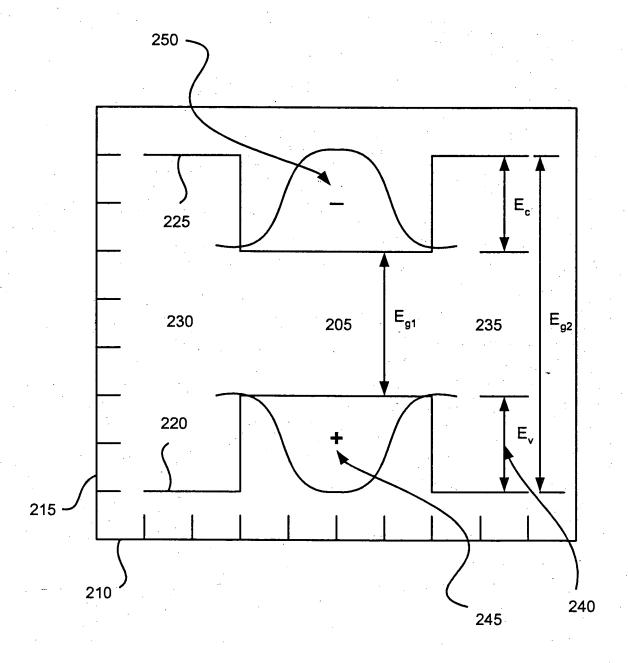


FIG. 2

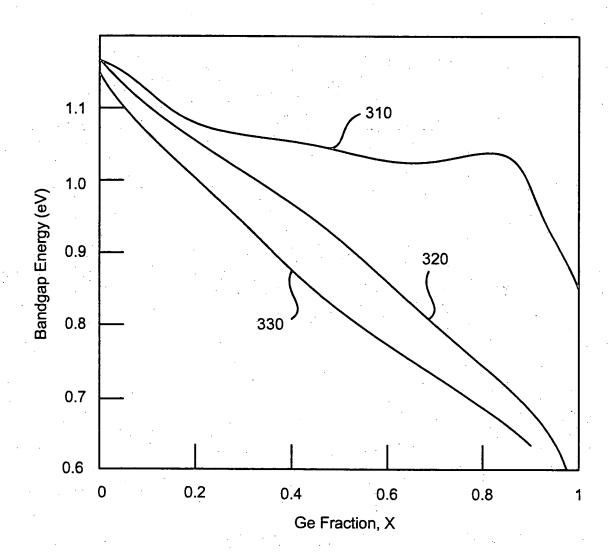


FIG. 3

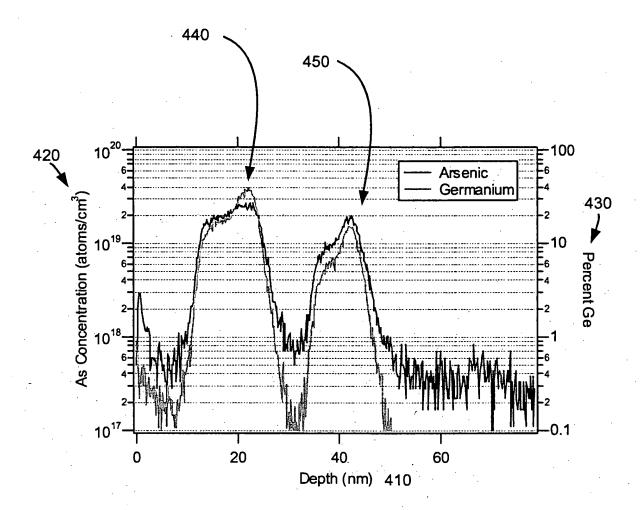


FIG. 4

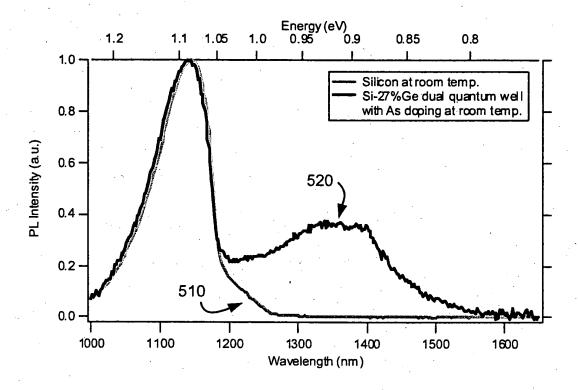


FIG. 5

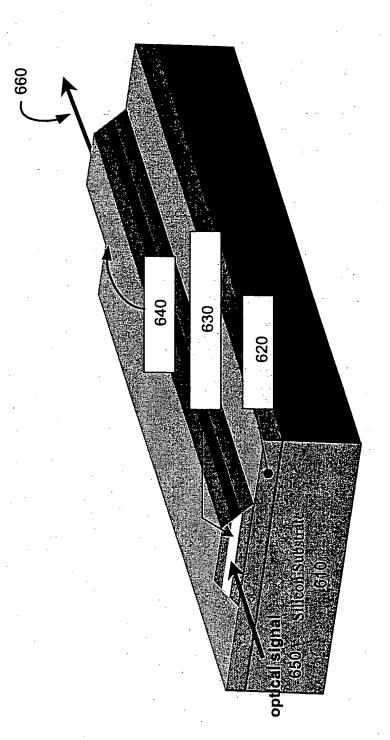
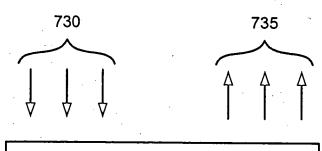


FIG. 6

009



Reflective Layer 720

Cladding Layer 710

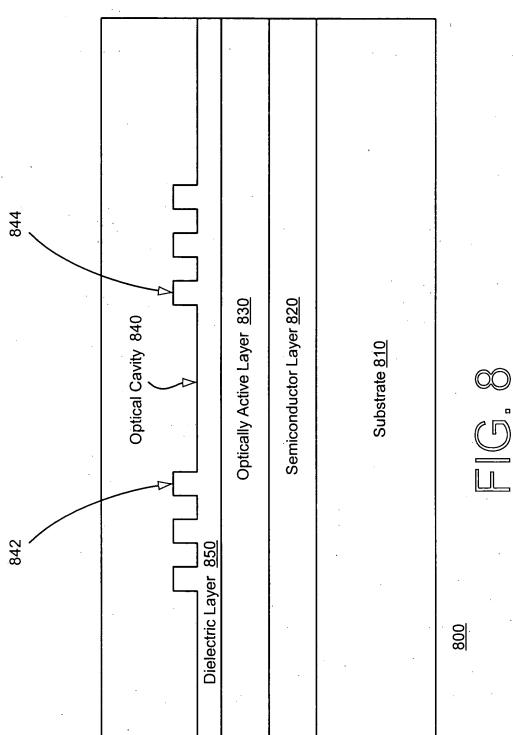
Optically Active Layer 705

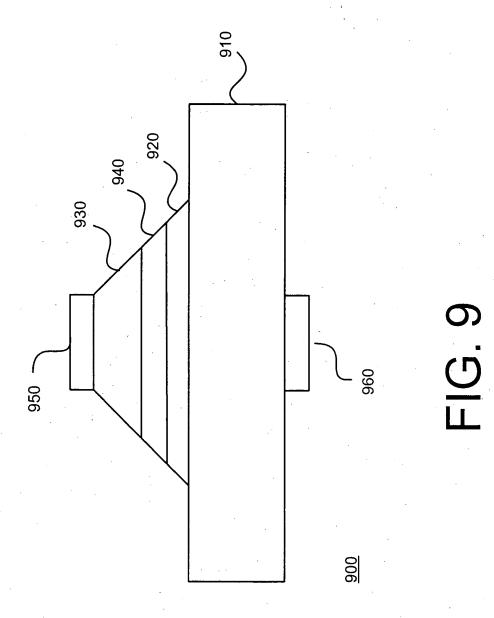
Cladding Layer 715

Reflective Layer 725

<u>700</u>

FIG. 7





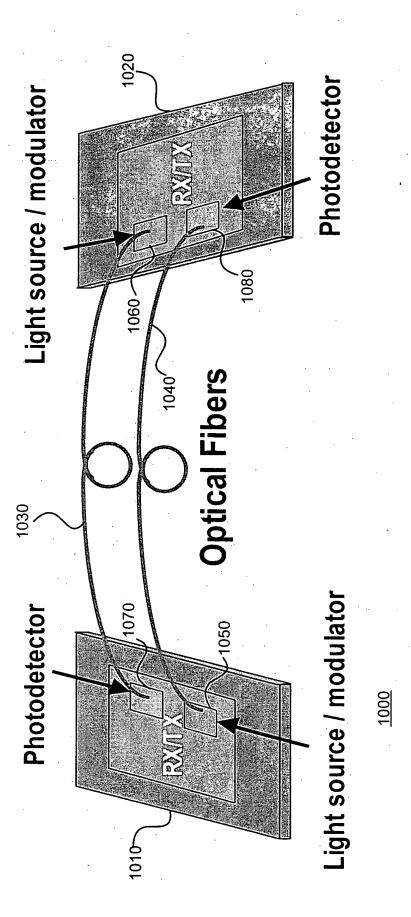
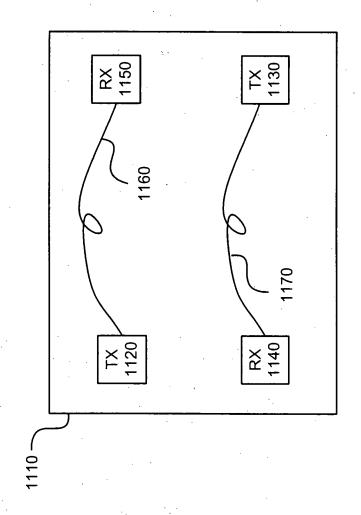
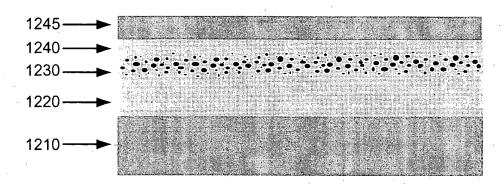
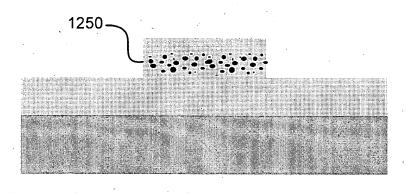


FIG. 10









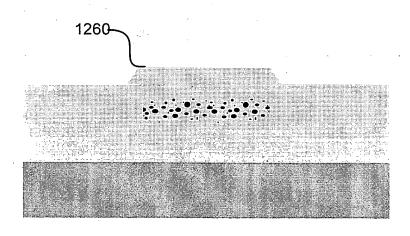


FIG. 12

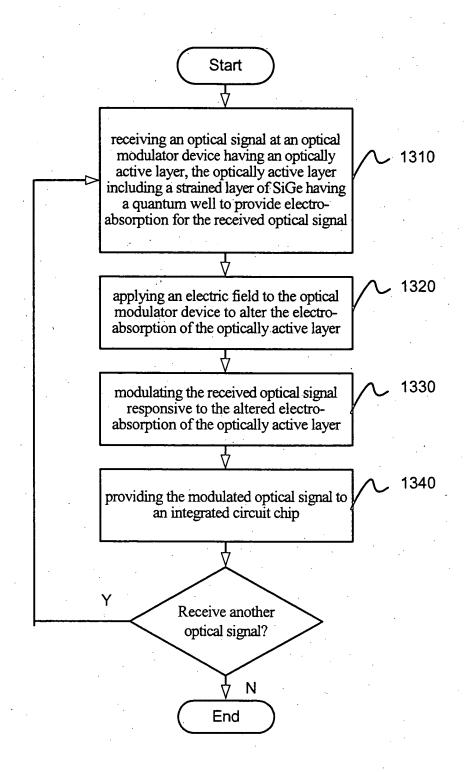


FIG. 13